

STATINTL

26 May 1959

[redacted]
Washington, D. C.

Subject: T.C.R. No. 8

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STATINTL In accordance with discussions between [redacted] and [redacted] Contractor is proceeding immediately with a six-week program extension to refine the current configuration, to carry out preliminary subsystem design, and to prepare development program plans. The extended program will include:

- I. Analysis and Design - This extension to the design study will embrace additional technical analyses, design layouts and tests directed to refinement of solutions obtained in electronic effect, L/D, ram recovery and structural design. Coordination with the engine contractor in his continuing program will be carried out.
- II. Models and Components - Design, construction, and tests of new models and/or use of existing models will be carried out to provide additional wind tunnel data and structural and electronic data refinement.
- III. Materials Research - Additional explorations of manufacturing and processing techniques will be carried out to obtain preliminary structural and materials design data and to study feasibility of structural designs.
- IV. Subsystems - Preliminary design studies will be made in the areas of turbine drives and automatic controls systems and procurement specifications prepared for these items in accordance with TCR's No. 6 and 7. Similar preliminary design studies will be carried out in the areas of navigation systems and alternators, and procurement specifications prepared, in conjunction

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with [] for the navigation system and Westinghouse for the alternators. Subcontracts will be initiated with [] and Westinghouse for Preliminary Study and Preparation of Procurement Specifications covering the navigation system and alternators, respectively. Other subsystem studies will be carried out as a preliminary to selection of additional vendors.

- V. Program Planning - Plans and preliminary cost estimates will be prepared for a development program based on the vehicle to be presented for technical review on 9 June 1959.

In accordance with the above, and the estimated cost summary presented herewith, Contractor submits the following change to the contract with the customer:

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	<u>Estimated Cost</u>	<u>Fee</u>	<u>Total Price</u>
Basic Task			
TCR No. 1 (Engine Duct)			
TCR No. 2 (Elect. Model)			
TCR No. 3 (Elect. Model)			
TCR No. 4 (Engine Duct)			
TCR No. 5 (Facilities)			
TCR No. 6 (Flt. Cont. Sys.)			
TCR No. 7 (Air Turb. Drive)			
TOTALS			
TCR No. 8 (May 15 - 30 June Task)			
ADJUSTED TOTALS			

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